

Product datasheet for **MR222498L4V**

Lrpprc (NM_028233) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Lrpprc (NM_028233) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Lrpprc
Synonyms:	3110001K13Rik; C76645; Gp130; Lrp130; Lsfc
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028233
ORF Size:	4176 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222498).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_028233.2 , NP_082509.2
RefSeq Size:	4638 bp
RefSeq ORF:	4179 bp
Locus ID:	72416
UniProt ID:	Q6PB66
Cytogenetics:	17 E4



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Gene Summary:

May play a role in RNA metabolism in both nuclei and mitochondria. In the nucleus binds to HNRPA1-associated poly(A) mRNAs and is part of nmRNP complexes at late stages of mRNA maturation which are possibly associated with nuclear mRNA export. May bind mature mRNA in the nucleus outer membrane. In mitochondria binds to poly(A) mRNA. Plays a role in translation or stability of mitochondrially encoded cytochrome c oxidase (COX) subunits. May be involved in transcription regulation. Cooperates with PPARGC1A to regulate certain mitochondrially encoded genes and gluconeogenic genes and may regulate docking of PPARGC1A to transcription factors. Seems to be involved in the transcription regulation of the multidrug-related genes MDR1 and MVP. Part of a nuclear factor that binds to the invMED1 element of MDR1 and MVP gene promoters (By similarity). Binds single-stranded DNA. [UniProtKB/Swiss-Prot Function]